

Amendments to the Claims:

Listing of the Claims:

1. (Currently Amended) Flexible tube head ~~(40, 40')~~ formed of a plastic material, the head including an opening defined by an edge ~~(41, 41')~~ and a shoulder ~~(42, 42')~~ connecting the edge to a flexible skirt of a flexible tube for packaging a product, the tube head comprising a pivoting cap formed of a plastic material for closing the opening and ~~an electronic component (20, 20')~~ intended to exchange information about the tube and/or its contents with a read or read/write device outside of the tube without any electrical contact, the electronic component being set within the plastic material forming ~~the tube head~~ the cap such that there is no adhesive material in contact with the packaged product.

2. (Canceled)

3. (Canceled)

4. (Currently Amended) Tube head according to claim 1, ~~in which~~ wherein the total thickness of the electronic component is less than 400 microns.

5. (Currently Amended) Tube head according to claim 1, ~~in which~~ wherein the electronic component includes a support ~~(21, 21')~~ having a periphery, the periphery of the support ~~(21, 21')~~ enclosed by the plastic material forming the head.

6. (Currently Amended) Tube head according to claim ~~[[1]]~~ 5, ~~in which~~ wherein the support ~~(21, 21')~~ of the component comprises a material that is melt-compatible with the plastic material forming the head.

7. (Currently Amended) Tube head according to claim 6, ~~in which~~ wherein the support of the component is made of polyethylene or polypropylene.

Claims 8-14 (Canceled)

15. (Previously presented) Flexible tube including a head and a flexible skirt, comprising the tube head of claim 1.

16. (Canceled).

17. (Currently Amended) Tube head according to claim 1 ~~in which~~ wherein the electronic component is an RFID-type electronic component.

18. (Canceled)

19. (Canceled)